

CLAIM AMENDMENTS

1-20 (Canceled)

21. (New) A water filter assembly characterised in that it comprises a water filter arrangement and a water cooling arrangement in an integral unit.

22. (New) A water filter assembly according to claim 21, wherein the cooling arrangement comprises a thermoelectric heat pump.

23. (New) A water filter assembly according to claim 22, wherein the thermoelectric heat pump is an electronic device comprising a plurality of junctions between dissimilar electrical conductors.

24. (New) A water filter assembly according to claim 23, wherein the electronic device works by the Peltier effect, in that when current is applied across the junctions it provides a warm and a cold side to the electronic device.

25. (New) A water filter assembly according to claim 21, wherein the filter arrangement comprises a removable filter element.

26. (New) A water filter assembly according to claim 25, wherein the removable filter element is made of ceramic material.

27. (New) A water filter assembly according to claim 21, wherein the assembly is arranged so as to be connectable to a mains water supply.

28. (New) A water filter assembly according to claim 21, wherein the assembly comprises a chamber with an outlet and an inlet, and means defining a flow path therebetween through the chamber, such that water passing along the flow path is cooled by the cooling arrangement.

29. (New) A water filter assembly according to claim 24, wherein the assembly comprises a chamber with an outlet and an inlet, and means defining a flow path therebetween through the chamber, such that water passing along the flow path is cooled by the cooling arrangement, and further comprising a thermally conductive member that extends from the cold side of the heat pump into engagement with the flow path.

30. (New) A water filter assembly according to claim 24, further comprising a heatsink that extends from the warm side of the heat pump.

31. (New) A water filter assembly according to claim 24, further comprising a fan, provided on the warm side of the heat pump to dissipate heat therefrom.

32. (New) A water filter assembly according to claim 30, further comprising a fan, provided on the warm side of the heat pump to dissipate heat therefrom, and wherein the fan is mounted on the heatsink.

33. (New) A water filter assembly according to claim 28, wherein the chamber comprises a removable lid to permit removal of the filter element therefrom.

34. (New) A water filter assembly according to claim 33, wherein the outlet and inlet pass through the lid.

35. (New) A water filter assembly according to claim 34, wherein the chamber is arranged such that water entering thereinto urges cooled water into the filter arrangement.

36. (New) A water filter assembly according to claim 21, wherein the cooling and filter arrangements are concentrically configured with the cooling arrangement surrounding the filter arrangement.

37. (New) A water filter assembly according to claim 28, wherein the chamber is arranged such that water from the cooling arrangement enters the filter arrangement at one end thereof, and then passes through the length of the filter arrangement.

38. (New) A water filter assembly according to claim 28, further comprising a thermostat that is provided in contact with water in the flow path.